

12. (New) A process for producing a film having a WVTR greater than $200 \text{ g/m}^2/\text{day}$ at 38°C and 90% relative humidity comprising a polyolefin blend, said polyolefin blend having at least a first and a second polymer composition, and a filler, said process comprising:

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- a) extruding a precursor film from said polyolefin blend comprising said first and said second polymer compositions and said filler, said filler concentration being in a range of from about 20 to about 250 parts filler per hundred parts of said polyolefin blend, wherein,
 - i) said first polymer composition is selected from the group consisting of homopolymers and copolymers of polyethylene and polypropylene, and combinations thereof, and
 - ii) said second polymer composition is selected from the group consisting of elastomers and plastomers, and combinations thereof; and
 - b) passing said precursor film between at least one pair of interdigitating grooved rollers to produce said film having a WVTR greater than $200 \text{ g/m}^2/\text{day}$ at 38°C and 90% relative humidity.

13. (New) The process of claim 12 wherein said elastomer is selected from the group consisting of styrene-isoprene-styrene and styrene-butadiene-styrene; and combinations thereof.

14. (New) The process of claim 12 wherein said second polymer composition is present in an amount of from about 5 to about 25 parts per hundred parts of said polyolefin blend.

15. (New) The process of claim 12 wherein the WVTR is greater than $1000 \text{ g/m}^2/\text{day}$ at 38°C and 90% relative humidity.

16. (New) The process of claim 12 wherein said first polymer composition is selected from the group consisting of metallocene-catalyzed linear low density polyethylene,

Ziegler-Natta-catalyzed linear low density polyethylene, and homopolymers and copolymers of polypropylene, and combinations thereof.

17. (New) The process of claim 12 wherein said filler is CaCO_3 .

18. (New) The process of claim 12 wherein said precursor film is embossed to impose thereon a pattern of multiple film thickness' prior to step (b).

19. (New) A film composite having at least a first and a second layer:

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- a) said first layer comprising a first polyolefin film, said first polyolefin film comprising a polyolefin composition and a filler, said filler concentration being in a range of from about 20 to about 250 parts filler per hundred parts of said polyolefin composition; and
 - b) said second layer comprising a material selected from the group consisting of films, fibers, and combinations thereof;

wherein said first and said second layers have been simultaneously passed between at least one pair of interdigitating grooved rollers so that said film composite has a WVTR greater than $200 \text{ g/m}^2/\text{day}$ at 38°C and 90% relative humidity.

20. (New) The film composite of claim 19 wherein the WVTR is greater than $1000 \text{ g/m}^2/\text{day}$ at 38°C and 90% relative humidity.

21. (New) The film composite of claim 19 wherein at least said first layer has been embossed to impose thereon a pattern of multiple film thickness' prior to having been passed between said at least one pair of interdigitating grooved rollers.

22. (New) The film composite of claim 19 wherein said polyolefin composition of said first polyolefin film is selected from the group consisting of homopolymers and copolymers of polyethylene and polypropylene, and combinations thereof.

23. (New) The film composite of claim 22 wherein said polyolefin composition of said first polyolefin film further comprises a second polymer selected from the group consisting of elastomers and plastomers, and combinations thereof.
24. (New) The film composite of claim 23 wherein said elastomer is selected from the group consisting of styrene-isoprene-styrene and styrene-butadiene-styrene, and combinations thereof.
25. (New) The film composite of claim 19 wherein said material of said second layer is selected from the group consisting of woven fabric, non-woven fabric, knit fabric, and combinations thereof.
26. (New) The film composite of claim 19 wherein said material of said second layer is selected from the group consisting of apertured film, three-dimensional formed film, film laminates, a second polyolefin film, and combinations thereof.
27. (New) The film composite of claim 26 wherein said material of said second layer is formed from a polymer composition comprising (i) a polyolefin selected from the group consisting of homopolymers and copolymers of polyethylene and polypropylene, and combinations thereof; and (ii) a filler in a concentration of from about 20 to about 250 parts filler per hundred parts of said polymer composition.
28. (New) The film composite of claim 27 wherein at least said second layer has been embossed to impose thereon a pattern of multiple film thickness' prior to having been passed between said at least one pair of interdigitating grooved rollers.